



Missouri
Department of
Natural Resources

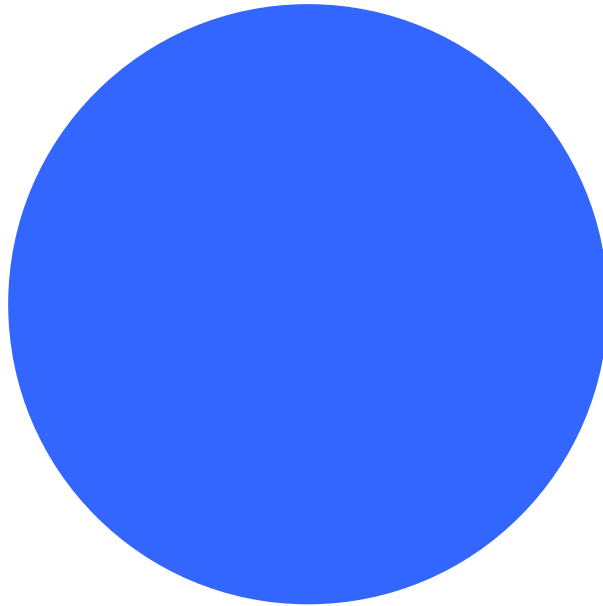
**Ameren Energy Generating Company
Utility-Owned Electric Generation and Emissions in 2009**

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated in 2009 (MWh)	Percent of Total	
Non-renewable sources						
Coal-fired power						
Natural gas-fired power	20,728	100.00%		1,444	100.00%	
Oil-fired power						
Nuclear power						
Other non-renewable power						
Non-renewable total	20,728	100.00%	100.00%	1,444	100.00%	100.00%
Renewable sources						
Hydroelectric Power						
Wind						
Waste and biomass						
Solar						
Geothermal						
Landfill Gas						
Renewable total	0	0.00%	0.00%	0	0.00%	0.00%
Grand total all sources	20,728		100.00%	1,444		100.00%

Fuel Type	Physical Units	Number of Units
Natural Gas	Mcf	20,584



Net Generation by Fuel Type, 2009 for Ameren Energy Generating Company



■ Natural gas-fired power:
100.00%



Emissions from Electricity Generated in 2009: Ameren Energy Generating Company

Plant	Carbon Dioxide (CO ₂) (Tons)	Carbon Monoxide (CO) (Tons)	Ammonia (NH ₃) (Tons)	Nitrogen Oxides (NO _x) (Tons)	Sulfur Dioxides (SO ₂) (Tons)
Ameren Energy Generating Company	1,134.45	0.33	NV	0.15	0.01
Columbia Energy Center	1,134.45	0.33	NV	0.15	0.01

Plant	Volatile Organic Compounds (VOC) (Tons)	Course Particulate Matter (PM ₁₀ Total) (Tons)	Fine Particulate Matter (PM _{2.5} Total) (Tons)	Mercury (Hg) (LBS)
Ameren Energy Generating Company	0.10	0.19	NV	NV

'NV' = Emissions value not available.

Note: The data provided includes only generation and emissions from power plants owned by the utility. It does not include generation or emissions from power purchased by the utility and distributed to its customers.



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**Pollution controls installed on plants operated by Ameren Energy Generating
Company**

SO2 Controls			
Plant	Control Equipment	Sorbent Type	Operational Efficiency
Columbia Energy Center	No SO2 Controls Installed		

NOX Controls				
Plant	Device Type	Description	Capture Efficiency	Control Efficiency
Columbia Energy Center	LOW NOX BURNERS	DRY LOW NOX COMBUSTER	100.00%	92.00%



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**Missouri Power plants owned and operated by Ameren Energy Generating
Company in 2009**

Plant	County	Primary Fuel	Capacity (MW)	Net Generation (MWh)
Columbia Energy Center	Boone	Natural Gas	163	1,444

Data Sources

- Emissions Data: Missouri Department of Natural Resources, Air Pollution Control Program, Missouri Emissions Inventory System (MOEIS)
<http://www.dnr.mo.gov/env/apcp/moeis/emissionsreporting.htm>
- CO2 Emissions calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data
- Fuel Consumption and Generation Data: United States Energy Information Administration, Form 923, United States Department of Energy
http://www.eia.gov/cneaf/electricity/page/eia906_920.html